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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
With Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

2001-IP-005267U1P2

First Named Inventor

Larry S. Eoff, et al

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Permeability-Modifying Drilling Fluids and Methods of Use

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|  |         |                                     |                          | Yes                      | No                       |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

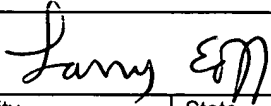
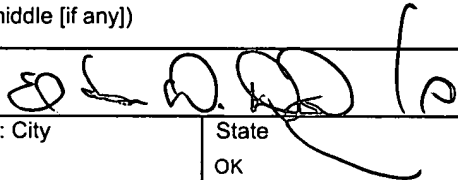
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DECLARATION — Utility or Design Patent Application

|   |  |                           |   |   |  |
|---|--|---------------------------|---|---|--|
| Direct all correspondence to: <input type="checkbox"/> Customer Number: <input type="text"/>  |  |                           |   | OR <input checked="" type="checkbox"/> Correspondence address below |  |
| Name<br>Halliburton Energy Services - ATTN: Robert A. Kent  |  |                           |   |   |  |
| Address<br>P.O. Box 1431  |  |                           |   |   |  |
| City<br>Duncan  |  | State<br>OK               |   | ZIP<br>73536-0440   |  |
| Country<br>USA  |  | Telephone<br>580-251-3125 |   | Fax<br>580-251-3917   |  |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |  |                           |   |   |  |
| NAME OF SOLE OR FIRST INVENTOR:   |  |                           | <input type="checkbox"/> A petition has been filed for this unsigned inventor |   |  |
| Given Name<br>(first and middle [if any])<br>Larry S.   |  |                           | Family Name<br>or Surname<br>Eoff   |   |  |
| Inventor's Signature<br>  |  |                           |   | Date<br>3-15-04   |  |
| Residence: City<br>Duncan   |  | State<br>OK               |   | Country<br>USA  |  |
| Citizenship<br>US   |  |                           |   |   |  |
| Mailing Address<br>2201 Cedar   |  |                           |   |   |  |
| City<br>Duncan  |  | State<br>OK               |   | ZIP<br>73533  |  |
| Country<br>USA  |  |                           |   |   |  |
| NAME OF SECOND INVENTOR:  |  |                           | <input type="checkbox"/> A petition has been filed for this unsigned inventor |   |  |
| Given Name<br>(first and middle [if any])<br>Eldon D.   |  |                           | Family Name<br>or Surname<br>Dalympie   |   |  |
| Inventor's Signature<br>   |  |                           |   | Date<br>3/19/04   |  |
| Residence: City<br>Duncan   |  | State<br>OK               |   | Country<br>USA  |  |
| Citizenship<br>US   |  |                           |   |   |  |
| Mailing Address<br>907 E. Plato   |  |                           |   |   |  |
| City<br>Duncan  |  | State<br>OK               |   | ZIP<br>73533  |  |
| Country<br>USA  |  |                           |   |   |  |
| <input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.   |  |                           |   |   |  |

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 1 of 1

|   |          |   |                   |
|---|----------|---|-------------------|
| <b>Name of Additional Joint Inventor, if any:</b> |          | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                   |
| Given Name (first and middle (if any))            |          | Family Name or Surname  |                   |
| B. Raghava  |          | Reddy   |                   |
| Inventor's Signature <i>B. Raghava Reddy</i>      |          | Date <i>3/16/04</i>   |                   |
| Duncan Residence: City                            | OK State | USA Country   | India Citizenship |
| 2013 Waverly Mailing Address                      |          |   |                   |
| Mailing Address                                   |          |   |                   |
| Duncan City                                       | OK State | 73533 Zip   | USA Country       |
| <b>Name of Additional Joint Inventor, if any:</b> |          | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                   |
| Given Name (first and middle (if any))            |          | Family Name or Surname  |                   |
|   |          |   |                   |
| Inventor's Signature                              |          | Date  |                   |
| Residence: City                                   | State    | Country   | Citizenship       |
| Mailing Address                                   |          |   |                   |
| Mailing Address                                   |          |   |                   |
| City  | State    | Zip   | Country           |
| <b>Name of Additional Joint Inventor, if any:</b> |          | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                   |
| Given Name (first and middle (if any))            |          | Family Name or Surname  |                   |
|   |          |   |                   |
| Inventor's Signature                              |          | Date  |                   |
| Residence: City                                   | State    | Country   | Citizenship       |
| Mailing Address                                   |          |   |                   |
| Mailing Address                                   |          |   |                   |
| City  | State    | Zip   | Country           |

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# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

|                        |                        |
|------------------------|------------------------|
| Application Number     |                        |
| Filing Date            |                        |
| First Named Inventor   | Larry S. Eoff, et al   |
| Title                  | Permeability-Modifying |
| Art Unit               |                        |
| Examiner Name          |                        |
| Attorney Docket Number | 2001-IP-005267U1P2     |

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

| Name         | Registration Number |
|--------------|---------------------|
| See attached |                     |
|              |                     |
|              |                     |
|              |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

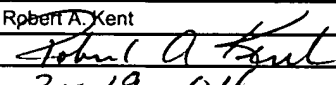
|  |  |       |  |     |
|--|--|-------|--|-----|
| <input type="checkbox"/> Firm or Individual Name |  |       |  |     |
| Address  |  |       |  |     |
| Address  |  |       |  |     |
| City   |  | State |  | Zip |
| Country  |  |       |  |     |
| Telephone  |  | Fax   |  |     |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## SIGNATURE of Applicant or Assignee of Record

|           |   |           |              |
|-----------|---|-----------|--------------|
| Name      | Robert A. Kent  |           |              |
| Signature |  |           |              |
| Date      | 3-19-04   | Telephone | 580-251-3125 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Please type a plus sign (+) inside this box → ☐

PTO/SB/02C (3-97)  
Approved for use through 8/30/98. OMB 0831-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

## REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

| Name   | Registration<br>Number | Name                         | Registration<br>Number |
|--|------------------------|------------------------------|------------------------|
| Halliburton Energy Services,<br>Inc. Practitioners |                        | Baker Botts<br>Practitioners |                        |
| William E. Shull                                   | 29,438                 | Mitchell D. Lukin            | 30,772                 |
| William M. Imwalle                                 | 35,904                 | Carey C. Jordan              | 47,646                 |
| Robert A. Kent                                     | 28,626                 | Iona Kaiser                  | 53,086                 |
| Craig W. Roddy                                     | 36,256                 |                              |                        |
| John W. Wusternberg                                | 35,415                 |                              |                        |

**Random Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20501. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20501.**

Declaration — Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C)(1-1.4)

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Larry S. Eoff, et al

Application No./Patent No.: Unknown Filed/Issue Date: Concurrently Herewith

Entitled: Permeability-Modifying Drilling Fluids and Methods of Use

Halliburton Energy Services, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. [☒] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

B. [☐] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ☐ ] Additional documents in the chain of title are listed on a supplemental sheet.

[☒] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3-19-04

Date

580-251-3125

Telephone number

Robert A. Kent

Typed or printed name



Signature

Senior Counsel

Title

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